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RAW SEQUENCE LISTING
PATENT APPLICATION US/09/065,082ADATE: 02/26/2000
TIME: 00:23:49

INPUT SET: S34859.raw

This Raw Listing contains the General
Information Section and those Sequences
containing ERRORS.

Does Not Comply
Corrected Diskette Needed

SEQUENCE LISTING

1
2
3 (1) General Information
4 (i) APPLICANT: Rakoczy et al.
5 (ii) TITLE OF THE INVENTION: HYALURONIC ACID AS
6 DNA CARRIER FOR
7 GENE
8 THERAPY AND VEGF ANTISENSE DNA
9 TO TREAT ABNORMAL
10 RETINAL
11 VASCULARIZATION
12 (iii) NUMBER OF SEQUENCES: 11
13 (iv) CORRESPONDENCE ADDRESS:
14 (A) ADDRESSEE: ARTER & HADDEN
15 (B) STREET: 725 South
16 Figueroa St, # 2400
17 (C) CITY: Los Angeles
18 (D) STATE: CA
19 (E) COUNTRY: USA
20 (F) ZIP: 90071
21 (v) COMPUTER READABLE FORM:
22 (A) MEDIUM TYPE: Diskette
23 (B) COMPUTER: IBM Compatible
24 (C) OPERATING SYSTEM: DOS
25 (D) SOFTWARE: FastSEQ for
26 Windows Version 2.0
27 (vi) CURRENT APPLICATION DATA:
28 (A) APPLICATION NUMBER: USSN 09/065,082
29 (B) FILING DATE: 23-APR-1999
30 (C) CLASSIFICATION:
31 (vii) PRIOR APPLICATION DATA:
32 (A) APPLICATION NUMBER: PCT AU96/00664
33 (B) FILING DATE: 22-OCT-1996
34 (viii) ATTORNEY/AGENT INFORMATION:
35 (A) NAME: Amzel, Viviana
36 (B) REGISTRATION NUMBER: 30,930
37 (C) REFERENCE/DOCKET NUMBER: EPI-109
38 (ix) TELECOMMUNICATION INFORMATION:
39 (A) TELEPHONE: 213-430-3520
40 (B) TELEFAX: 213-617-9255
41 (C) TELEX:
42

ERRORED SEQUENCES FOLLOW:

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/065,082ADATE: 02/26/2000
TIME: 00:23:49

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43 (2) INFORMATION FOR SEQ ID NO:1:
44 (i) SEQUENCE CHARACTERISTICS:
--> 45 (A) LENGTH: 19 base pairs
46 (B) TYPE: nucleic acid
47 (C) STRANDEDNESS: single
48 (D) TOPOLOGY: linear
49 (ii) MOLECULE TYPE: cDNA
50 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:1:
51 AGGAGAGCAG AAGTCCCAT
52 19
53
54

format error
19

55 (2) INFORMATION FOR SEQ ID NO:2:
56 (i) SEQUENCE CHARACTERISTICS:
--> 57 (A) LENGTH: 19 base pairs
58 (B) TYPE: nucleic acid
59 (C) STRANDEDNESS: single
60 (D) TOPOLOGY: linear
61 (ii) MOLECULE TYPE: cDNA
62 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:2:
63 CGTCAGAGAG CAACATCAC
64 19
65

same

66 (2) INFORMATION FOR SEQ ID NO:3:
67 (i) SEQUENCE CHARACTERISTICS:
--> 68 (A) LENGTH: 77 base pairs
69 (B) TYPE: nucleic acid
70 (C) STRANDEDNESS: single
71 (D) TOPOLOGY: linear
72 (ii) MOLECULE TYPE: cDNA
73 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:3:
74 CCAGACTCCA CAGTGCATAC GTGGGCTCCA ACAGGTCCTC TTCCCTCCCA
75 50
76 GTCAGTACT AACCCCGGAA CCACACA
77 77
78

same

79 (2) INFORMATION FOR SEQ ID NO:4:
80 (i) SEQUENCE CHARACTERISTICS:
--> 81 (A) LENGTH: 130 base pairs
82 (B) TYPE: nucleic acid
83 (C) STRANDEDNESS: single
84 (D) TOPOLOGY: linear
85 (ii) MOLECULE TYPE: cDNA
86 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:4:
87 CCTGTCCCCG CCCCCCGGC GGGCCGGGG CGGGTCCCG GCGGGGCGGA
88 50
89 GCCATGCGCC CCCCCCTTT TTTTTTTAAA AGTCGGCTGG TAGCGGGGAG
90 100
91 GATCGCGGAG GCTTGGGGCA GCCGGGTAGC
92 130

same

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/065,082ADATE: 02/26/2000
TIME: 00:23:50

INPUT SET: S34859.raw

93

--> 94 (2) INFORMATION FOR SEQ ID NO:5:
95 (i) SEQUENCE CHARACTERISTICS:
96 (A) LENGTH: 60 base pairs
97 (B) TYPE: nucleic acid
98 (C) STRANDEDNESS: single
99 (D) TOPOLOGY: linear
100 (ii) MOLECULE TYPE: cDNA
101 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:5:
102 CTGACGGAGA GACAGACAGA CACCGCCCC AGCCCCAGCT ACCACCTCCT
103 50
104 CCCCCGGCCGG
105 60
106

--> 107 (2) INFORMATION FOR SEQ ID NO:6:
108 (i) SEQUENCE CHARACTERISTICS:
109 (A) LENGTH: 69 base pairs
110 (B) TYPE: nucleic acid
111 (C) STRANDEDNESS: single
112 (D) TOPOLOGY: linear
113 (ii) MOLECULE TYPE: cDNA
114 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:6:
115 TGC GCAGACA GTGCTCCAGC CGCGCGCGCT CCCCAGGCC TGGCCCCGGC
116 50
117 CTCGGGCCGG GGAGGAAGA
118 69
119

--> 120 (2) INFORMATION FOR SEQ ID NO:7:
121 (i) SEQUENCE CHARACTERISTICS:
122 (A) LENGTH: 89 base pairs
123 (B) TYPE: nucleic acid
124 (C) STRANDEDNESS: single
125 (D) TOPOLOGY: linear
126 (ii) MOLECULE TYPE: cDNA
127 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:7:
128 AAAGTGT TTTT ATATACGGTA CTTATTTAAT ATCCCTTTT AATTAGAAAT
129 50
130 TAAAACAGTT AATTTAATTA AAGATAGGGT TTTTTTTCA
131 89
132

--> 133 (2) INFORMATION FOR SEQ ID NO:8:
134 (i) SEQUENCE CHARACTERISTICS:
135 (A) LENGTH: 62 base pairs
136 (B) TYPE: nucleic acid
137 (C) STRANDEDNESS: single
138 (D) TOPOLOGY: linear
139 (ii) MOLECULE TYPE: cDNA
140 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:8:
141 TTTTTTAATT TTAATATTG TTATCATTTA TTTATTGGTG CTACTGTTTA

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/065,082ADATE: 02/26/2000
TIME: 00:23:50

INPUT SET: S34859.raw

142 50
143 TCCGTAATAA TT
144 62
145

same
↓

--> 146 (2) INFORMATION FOR SEQ ID NO:9:
147 (i) SEQUENCE CHARACTERISTICS:
148 (A) LENGTH: 72 base pairs
149 (B) TYPE: nucleic acid
150 (C) STRANDEDNESS: single
151 (D) TOPOLOGY: linear
152 (ii) MOLECULE TYPE: cDNA
153 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:9:
154 ATACATTTAT ATATATATAT ATTATATATA TATAAAAATA AATATCTCTA
155 50
156 TTTTATATAT ATAAAATATA TA
157 72
158

--> 159 (2) INFORMATION FOR SEQ ID NO:10:
160 (i) SEQUENCE CHARACTERISTICS:
161 (A) LENGTH: 89 base pairs
162 (B) TYPE: nucleic acid
163 (C) STRANDEDNESS: single
164 (D) TOPOLOGY: linear
165 (ii) MOLECULE TYPE: cDNA
166 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:10:
167 AAAGTGT TTTT ATATACGGTA CTTATTTAAT ATCCCTTTT AATTAGAAAT
168 50
169 TAAAACAGTT AATTTAATTA AAGATAGGGT TTTTTTTCA
170 89
171

--> 172 (2) INFORMATION FOR SEQ ID NO:11:
173 (i) SEQUENCE CHARACTERISTICS:
174 (A) LENGTH: 61 base pairs
175 (B) TYPE: nucleic acid
176 (C) STRANDEDNESS: single
177 (D) TOPOLOGY: linear
178 (ii) MOLECULE TYPE: cDNA
179 (xi) SEQUENCE DESCRIPTION: SEQ ID NO:11:
180 TCTTAAAAA AAAAAAGCAT TTTGTATTAA AGAATTTAAT TCTGATCTCA
181 50
182 AAGCTCCTCT T
183 61
184
185
186
187
188
189
190
191 368428.2

SEQUENCE VERIFICATION REPORT
PATENT APPLICATION US/09/065,082ADATE: 02/26/2000
TIME: 00:23:51**INPUT SET: S34859.raw**

Line	Error	Original Text
28	Wrong application Serial Number	(A) APPLICATION NUMBER: USSN 09/065,082
45	Entered (19) and Calc. Seq. Length (0) differ	(A) LENGTH: 19 base pairs
57	Entered (19) and Calc. Seq. Length (0) differ	(A) LENGTH: 19 base pairs
68	Entered (77) and Calc. Seq. Length (0) differ	(A) LENGTH: 77 base pairs
81	Entered (130) and Calc. Seq. Length (0) differ	(A) LENGTH: 130 base pairs
96	Entered (60) and Calc. Seq. Length (0) differ	(A) LENGTH: 60 base pairs
109	Entered (69) and Calc. Seq. Length (0) differ	(A) LENGTH: 69 base pairs
122	Entered (89) and Calc. Seq. Length (0) differ	(A) LENGTH: 89 base pairs
135	Entered (62) and Calc. Seq. Length (0) differ	(A) LENGTH: 62 base pairs
148	Entered (72) and Calc. Seq. Length (0) differ	(A) LENGTH: 72 base pairs
161	Entered (89) and Calc. Seq. Length (0) differ	(A) LENGTH: 89 base pairs
174	Entered (61) and Calc. Seq. Length (0) differ	(A) LENGTH: 61 base pairs